

PATENT CLAIMS

1. An amplifier coupling that is coupled between a telephone and a headset, **c h a r a c t e r i z e d** in that the amplifier coupling is dynamically user-configurable with user-specific transfer characteristics to pass a specific sound picture to the headset.
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2. An amplifier coupling according to claim 1, **c h a r a c t e r i z e d** in that the transfer characteristics are dynamically adaptable in whole or part of the frequency range that represents the sound picture.
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3. An amplifier coupling according to claim 1, **c h a r a c t e r i z e d** in that said user-specific characteristics include a plurality of said characteristics.
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4. An amplifier coupling according to claim 3, **c h a r a c t e r i z e d** in that the telephone headset includes left and right headsets, and wherein one of said characteristics is fed to the left headset and wherein another characteristic is fed to the right headset.
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5. An amplifier coupling according to claim 4, **c h a r a c t e r i z e d** in that one of said characteristics is tuned primarily to transfer voice and the other is tuned primarily to transfer non-voice sounds.
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6. An amplifier according to claim 3, **c h a r a c t e r i z e d** in that one characteristic includes a priority override which prioritizes one signal over all others and transfers said priority feed to at least one headset in preference to the other feed.
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7. An amplifier coupling according to claims 1 - 6, **c h a r a c t e r i z e d** in that the user-specific transfer characteristic is Telstra Specification TT4.

8. An amplifier coupling according to claims 1 - 6, characterized in that the user-specific transfer characteristic attenuates signals above about 1 KHz.

5 9. An amplifier coupling according to claims 1 - 6, characterized in that the user-specific transfer characteristic attenuates signals in the frequency range of about 1 – 1.5 KHz, while the signals are amplified above about 2 KHz.

10 10. An amplifier coupling according to claims 1 - 9, characterized in that it contains an automatic gain control of signals fed to the headset, said gain being set on the basis of a signal detected from the stationary telephone.

15 11. An amplifier coupling according to claims 1 - 10, characterized in that the user-specific transfer characteristics contain a maximum permissible amplitude of the signal transferred to the headset in the entire transferred frequency spectrum.

20 12. An amplifier coupling according to claims 1 - 11, characterized in that the telephone and the amplifier coupling are interconnected by two wires, and that a switch, such as a bypass coupling, is coupled between the wires.

25 13. An amplifier coupling according to claims 1 - 12, characterized in that the user-specific characteristics are configured in the amplifier coupling as fixed circuits, where each circuit may be coupled by switches.

30 14. An amplifier coupling according to claims 1 - 13, characterized in that a PC adapted to transfer the user-specific transfer characteristics is coupled to the amplifier coupling.

15. An amplifier coupling according to claim 14, characterized in that the coupling of the PC takes place via a USB port.

16. An amplifier coupling according to claim 14, characterized in

5 that the coupling of the PC to the amplifier coupling is wireless.